



Figure 1

HS 33	Y	
maize LS	LHD FGSE I I PRAV L D H S V Q A C I F T G Y W E D V Y G T I	
wheat LS	LHD FGSE I I P R A L H D H N V Q A Y V F T D Y W E D I G T I	
barley LS	LHD FGSE I I P R A L H D H N V Q A Y V F T D Y W E D I G T I	
potato LS	SND FGSE I I L P A A I D D Y N V Q A Y I F R D Y W E D I G T I	

Figure 2

206120° B&lt;16&lt;200° T

HS 40	1
maize LS	A G K V P I G I G R N T K I R N C T I D M N A R I G
wheat LS	E G K V P I G V G E N T K I S N C I I D M N A R I G
barley LS	E G K V P I G V G E N T K I S N C I I D M N A R I G
potato LS	E G K V P I G I G E N T K I R K C I I D K N A K I G
spinach LS	I K D A I I D K N A R

Figure 3

#426

F

TS48

maize LS C S R V S S G C E L K D S V M M G A D I  
 wheat LS R S R L N S G S E L K N A M M M G A D S  
 barley LS R S R L N S G S E L K N A M M M G A D S  
 rice LS S S R V S S G C E L K . . . . . I  
 . S R . S S G . E L K . . . m m g a d .

Figure 4A

#324

K

TS60

maize LS D F G S E I L P R A V L D H S V Q . A C I F T G Y  
 wheat LS D F G S E I L P R A L H D H N V Q . A Y V F T D Y  
 barley LS D F G S E I L P R A L H D H N V Q . A Y V F T D Y  
 rice LS D F G S E I L P R A L L E H N V K V A C V F T E Y  
 D F G S E I L P R A L . d H n V q . A . v F T . Y

#359

V

TS60

maize LS E D V G T I K S F F D A N L A L T E Q P S K F D F  
 wheat LS E D I G T I R S F F D A N M A L C E Q P P K F E F  
 barley LS E D I G T I R S F F D A N M A L C E Q P P K F E F  
 rice LS E D I G T I K S F F D A N L A L T E Q P P K F E F  
 E D i G T I . S F F D A N . A L . E Q P P K F e F

Figure 4B

#177

V

RTS48-2	T Q M P E E P A G W F Q G T A D S I R K
maize LS	T Q M P G E A A G W F R G T A D A V R K
wheat LS	T Q M P G E A A G W F R G T A D A V R K
barley LS	T Q M P G E A A G W F R G T A D A V R K
rice LS	T Q M P D E P A G W F Q G T A D A I R K
	T Q M P . E . A G W F . G T A D a . R K

**Figure 5A**

RTS60-1	V	#396
maize LS	D K C K . . M K Y A F I S D G C L L R E	
wheat LS	D K C R . . I K E A I I S H G C F L R E	
barley LS	D K C R . . I K E A I I S H G C F L R E	
rice LS	D K C K C K I K D A I I S D G C S F S E	
	D K C . . i K . A i I S . G C . f r E	

**Figure 5B**